

ABSTRACT OF THE DISCLOSURE

1 A method and apparatus for detecting seals on a
2 film from which bags are formed includes a force transmitter
3 and a force sensor. The force transmitter transmits a force
4 from the film to the sensor. The force sensor receives the
5 transmitted force and provides a force signal. A controller
6 receives the force signal and provides a seal signal. The
7 force sensor may be an mechanical sensor, an acoustic
8 sensor, a mechanical sensor, a vibration sensor or a
9 piezoelectric sensor.